

McLaughlin, Amy

From: DOS: Bldgcodebrd
Sent: Friday, August 6, 2021 12:54 PM
To: Phillip Sherman
Cc: McLaughlin, Amy
Subject: FW: Previous email submittal sent at 3:14 PM, August 5,2021

From: David P Ayer <davidayer@comcast.net>
Sent: Thursday, August 5, 2021 4:33 PM
To: DOS: Bldgcodebrd <bldgcodebrd@dos.nh.gov>
Subject: Previous email submittal sent at 3:14 PM, August 5,2021

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Please be sure my letter is included in deliberation for each of these proposed amendments of the 2020 NEC.

EL-20-02-21

EL-20-03-21

EL-20-04-21

EL-20-05-21

EL-20-08-21

EL-20-09-21 This proposed change neglects the need to protect the electronics of arc fault and ground fault protective devices

which are often also over current devices! If an electronic aspect of one of these circuit breakers fails, it could possibly

also prevent the circuit breaker from acting as it should. Think Federal Pacific circuit breakers and the fire hazards involved.

EL-20-14-21

EL-20-15-21

EL-20-18-21 While it should likely be the requirement of the manufacturer, it is still important to have proper ventilation. Signage is required in many sections of the NEC. This

requirement is to prevent overheating, and possible fire. Many transformers are located in areas of ready access to untrained personal unfamiliar with transformer cooling

needs and requirements. Requiring the manufacturer to label the top of a transformer is valid, but should be brought up in a different forum.

EL-20-19-21

I cannot think of a reason for removing this that is cost, or safety related. Deterioration of pool equipment over time is well documented. Whether due to corrosive influences, neglectful maintenance, or unforeseen structural defects that manifest themselves in time - this code section simply permits inspectors the right to make inspections. A residential tower in Florida recently collapsed due in part to a faulty pool deck, it is assumed on television and in print! I have personally witnessed a pool whose wiring was NM cable coming directly out of a paved floor, without even physical protection, and the pool pump was not connected to a gfci circuit breaker! Luckily, the owner was willing to make the necessary repairs without incident.

David P Ayer
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